

Appl. No. 10/019,575

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13 (canceled)

Claim 14 (currently amended): A three-dimensional model processing apparatus comprising:

display means for displaying an object;

an object tool representing the displayed object, wherein the object tool is adapted to be manipulated in three dimensions such that the position and orientation of the object tool can be changed;

an editing tool adapted to be manipulated in three dimensions such that a relative position between the editing tool and the object tool can be changed; and

processing means for detecting relative position information corresponding to the relative position between the editing tool and the object tool, and executing processing determined by the editing tool to modify attribute information of the displayed object on the basis of the detected relative position information, thereby altering the appearance of the displayed object, wherein the relative position information includes at least one of a relative distance between the object tool and the editing tool and a relative angle between the object tool and the editing tool, and wherein the attribute information of the displayed object is at least sound.

Claim 15 (previously presented): The three-dimensional model processing apparatus as claimed in claim 14, wherein the processing means is configured to detect position information of the object tool based on changes in the position and the orientation of the object tool to modify the attribute information of the displayed object on the basis of the detected position information, thereby altering the appearance of the displayed object.

Appl. No. 10/019,575

Claim 16 (previously presented): The three-dimensional model processing apparatus as claimed in claim 14, wherein the processing means is configured to executing processing corresponding to a plurality of editing tools.

Claim 17(canceled)

Claim 18 (currently amended): The three-dimensional model processing apparatus as claimed in claim 14, wherein the attribute information of the displayed object is further at least one of shape and color and sound.

Claim 19 (previously presented): The three-dimensional model processing apparatus as claimed in claim 14, wherein the processing means is configured to execute a functional operation of the displayed object as processing determined by the editing tool.

Claim 20 (currently amended): A three-dimensional model processing method for executing various processing, the three-dimensional model processing method comprising the steps of:

providing an object displayed on a display means;

providing an object tool representing the displayed object, wherein the object tool is adapted to be manipulated in three dimensions such that the position and orientation of the object tool can be changed;

providing an editing tool adapted to be manipulated in three dimensions such that a relative position between the editing tool and the object tool can be changed;

detecting relative position information corresponding to the relative position between the object tool and the editing tool;

executing processing determined by the editing tool to modify attribute information of the displayed object on the basis of the detected relative position information; and

updating the appearance of the displayed object based on the modified attribute information, wherein the relative position information includes at least one of a relative distance

Appl. No. 10/019,575

between the object tool and the editing tool and a relative angle between the object tool and the editing tool, and wherein the attribute information of the displayed object is at least sound.

Claim 21 (previously presented): The three-dimensional model processing method as claimed in claim 20, the method further comprising the steps of:

detecting position information of the changed object tool based on changes in the position and the orientation of the object tool;

modifying the attribute information of the displayed object based on the position information; and

updating the appearance of the displayed object based on the modified attribute information.

Claim 22 (previously presented): The three-dimensional model processing method as claimed in claim 20, wherein the editing tool provided is selected from a plurality of editing tools.

Claim 23 (canceled)

Claim 24 (currently amended): The three-dimensional model processing method as claimed in claim 20, wherein the attribute information of the displayed object is further at least one of shape, and color and sound.

Claim 25 (previously presented): The three-dimensional model processing method as claimed in claim 20, the method further comprising the step of executing a functional operation of the displayed object as processing determined by the editing tool.

Claim 26 (currently amended): A computer readable medium storing a computer readable program for providing three-dimensional model processing, the computer readable program comprising the steps of:

providing an object displayed on a display means;

Appl. No. 10/019,575

providing an object tool representing the displayed object; wherein the object tool is adapted to be manipulated in three dimensions such that the position and orientation of the object tool can be changed;

providing an editing tool adapted to be manipulated in three dimensions such that a relative position between the editing tool and the object tool can be changed;

detecting relative position information corresponding to the relative position between the object tool and the editing tool;

executing processing determined by the editing tool to modify attribute information of the displayed object on the basis of the detected relative position information; and

updating the appearance of the displayed object based on the modified attribute information, wherein the relative position information includes at least one of a relative distance between the object tool and the editing tool and a relative angle between the object tool and the editing tool, and wherein the attribute information of the displayed object is at least sound.

Appl. No. 10/019,575

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

Thomas C. Basso

Reg. No. 46,541

P.O. Box 1135

Chicago, Illinois 60690-1135

Phone: (312) 807-4310

Dated: June 20, 2005